



BEST AVAILABLE COPY

1 / 15

REPLACEMENT SHEET

Applicant: MARIO LINKE

Serial No.: 10/787,492

Title: ACTIVE INTEGRATED RECTIFIER...ETC.

Docket: IR-2455 (2-3840)

Sheet 1 of 15

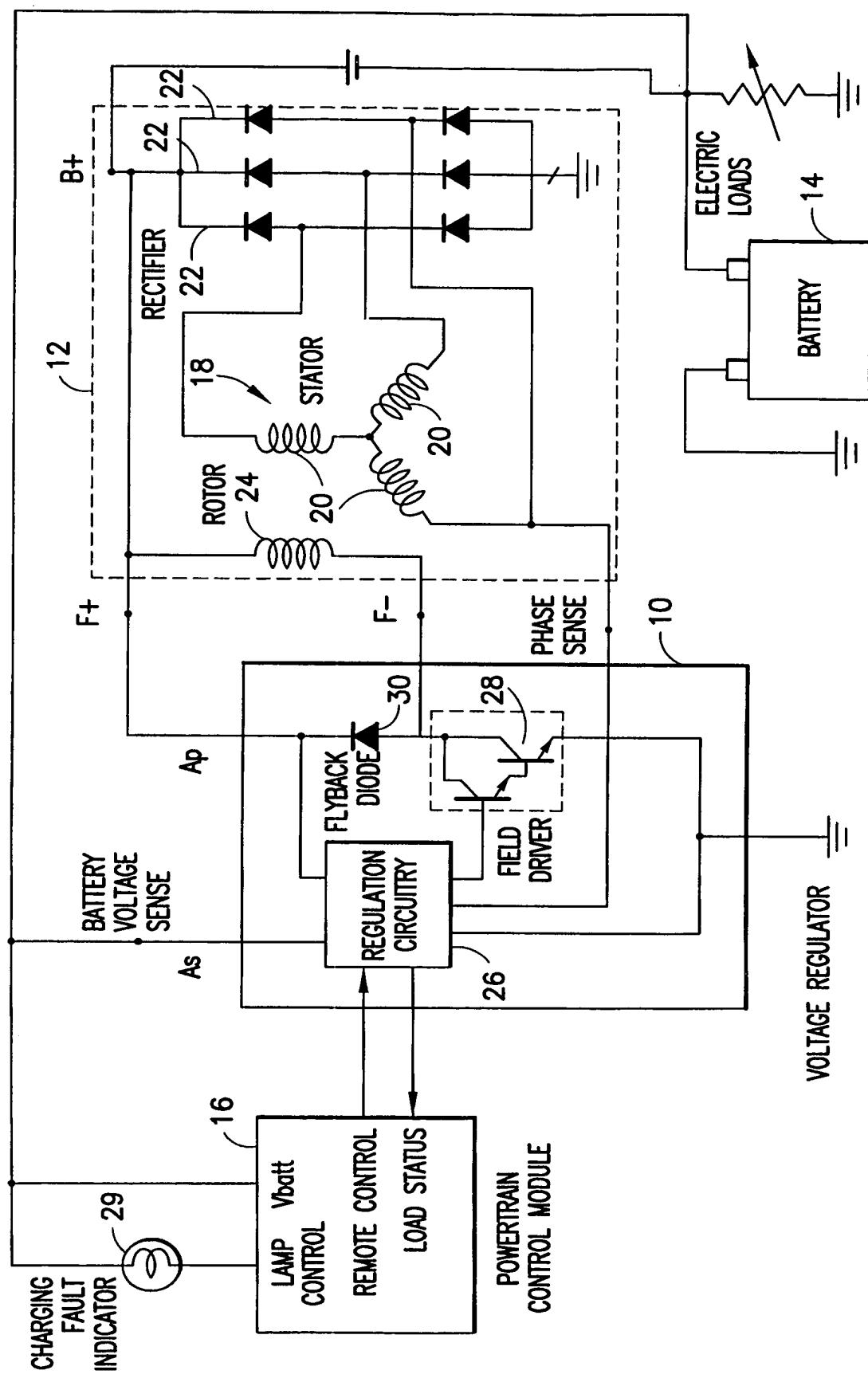


FIG. 1
PRIOR ART

2/15

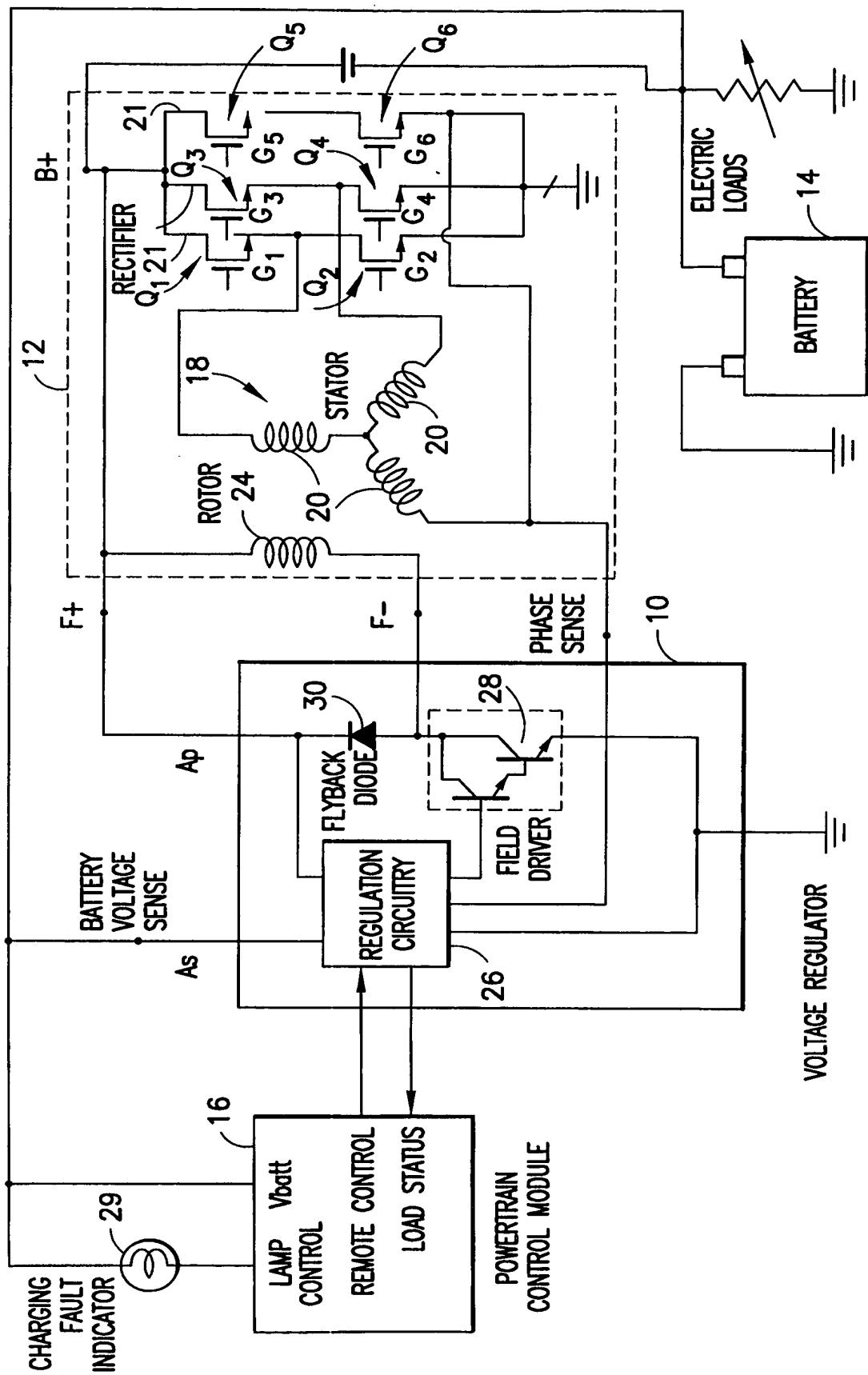


FIG.2

3/15

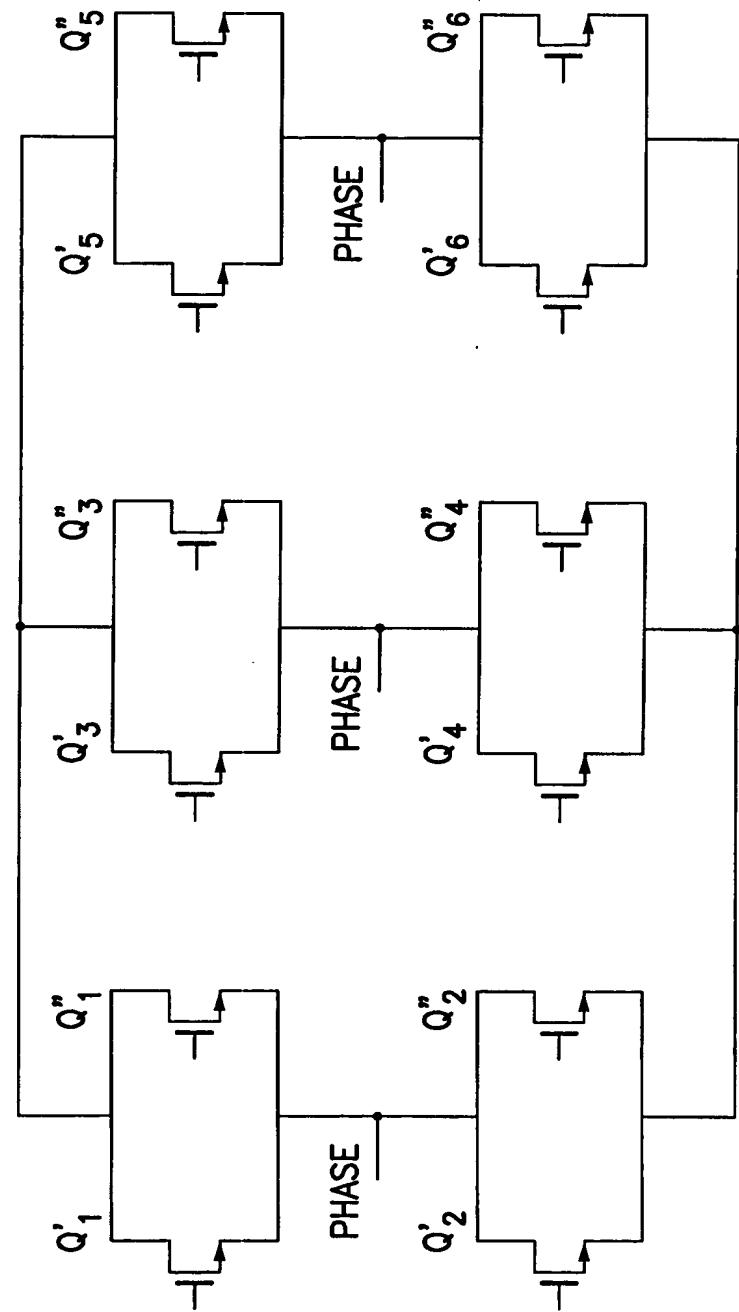


FIG.3

4/15

V4
—
V14

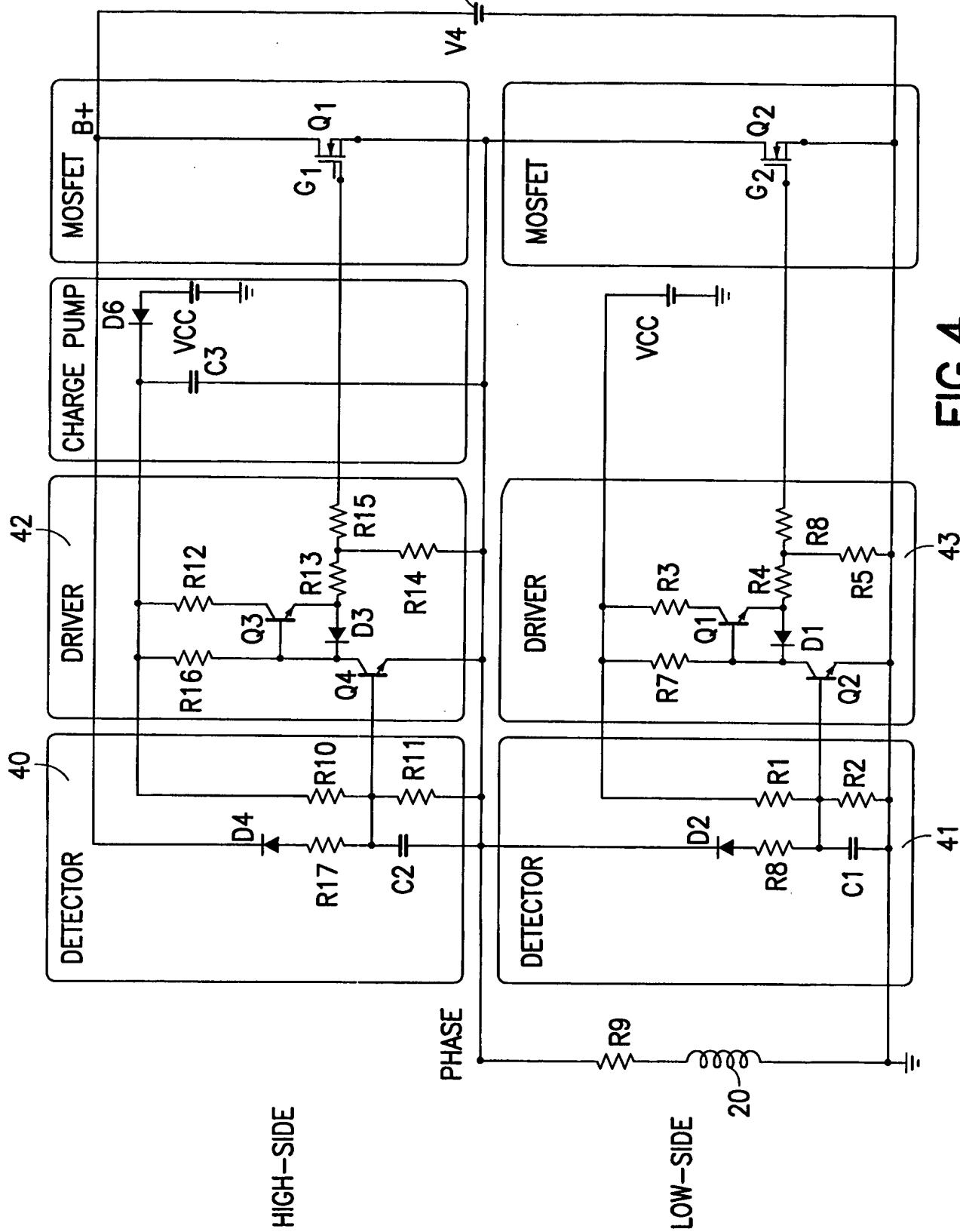
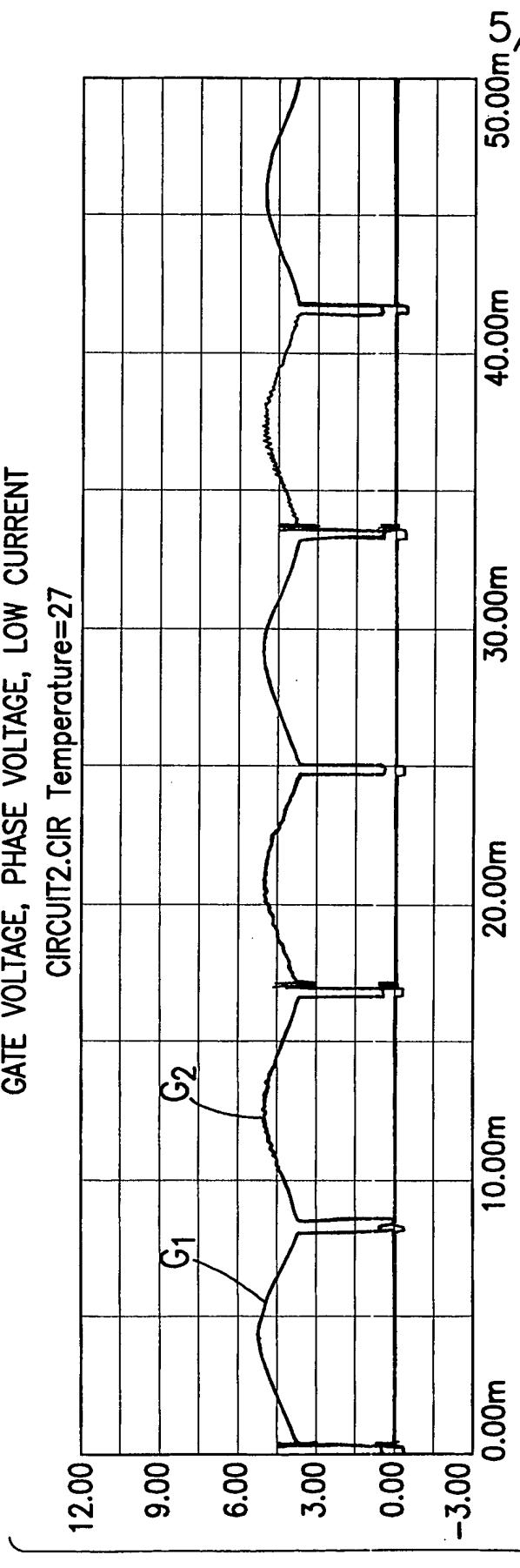


FIG.4

GATE VOLTAGE, PHASE VOLTAGE, LOW CURRENT
CIRCUIT2.CIR Temperature=27



5 / 15

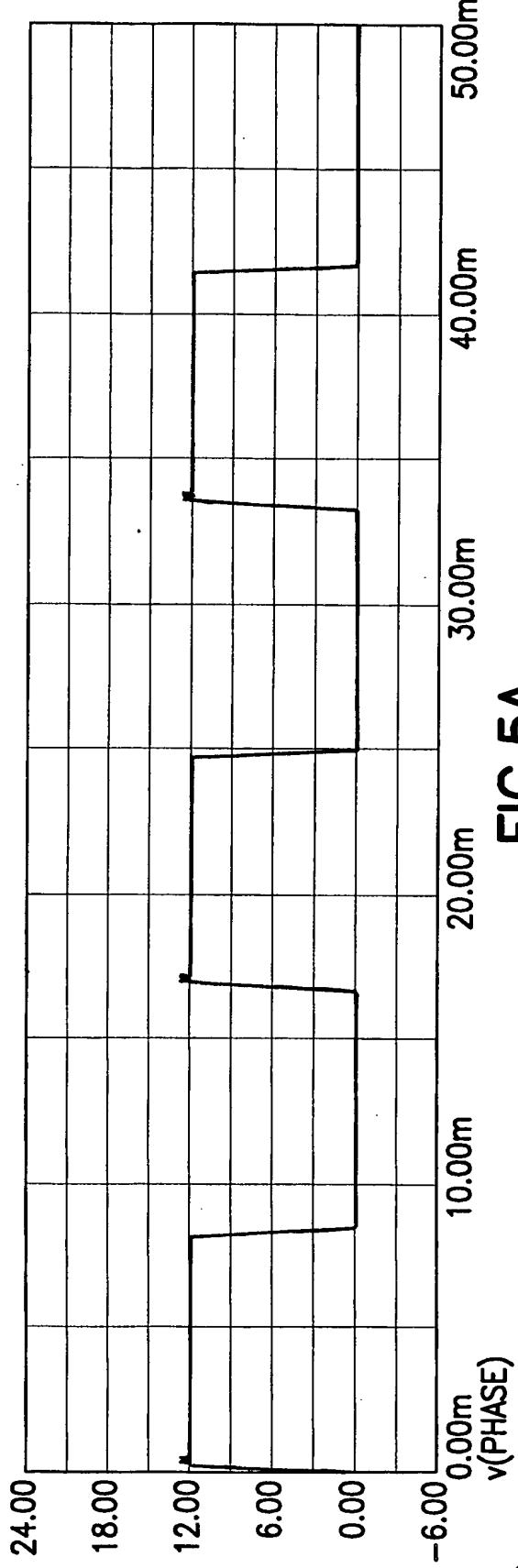


FIG.5A

6/15

GATE VOLTAGE, PHASE VOLTAGE, MEDIUM CURRENT
CIRCUIT2.CIR Temperature=27

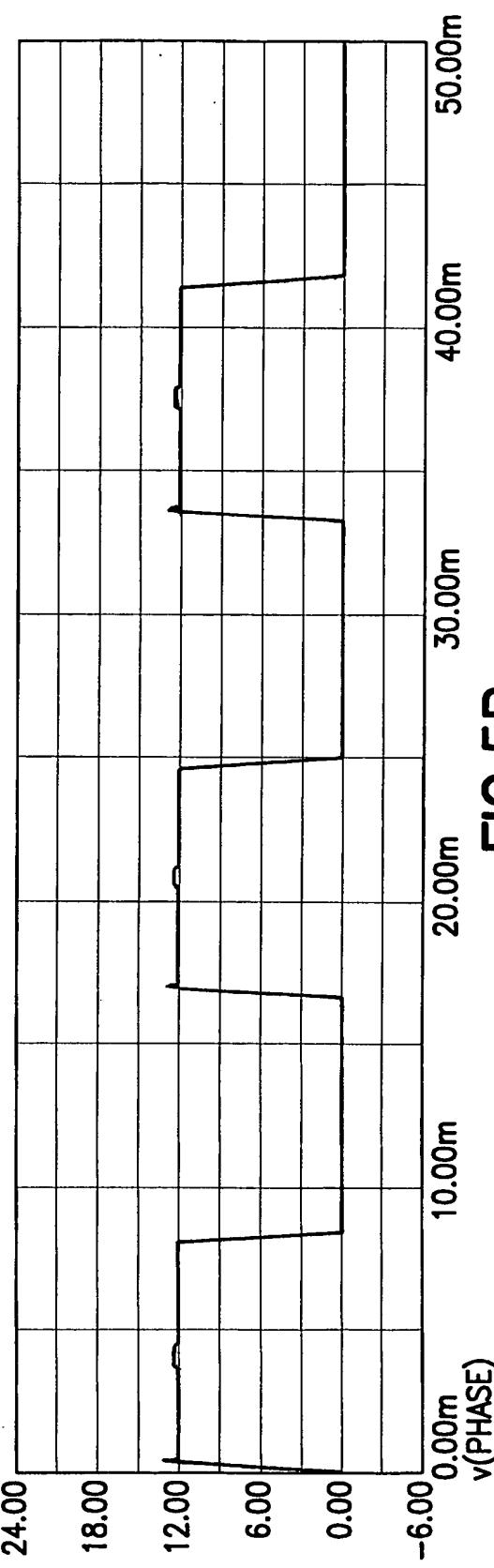
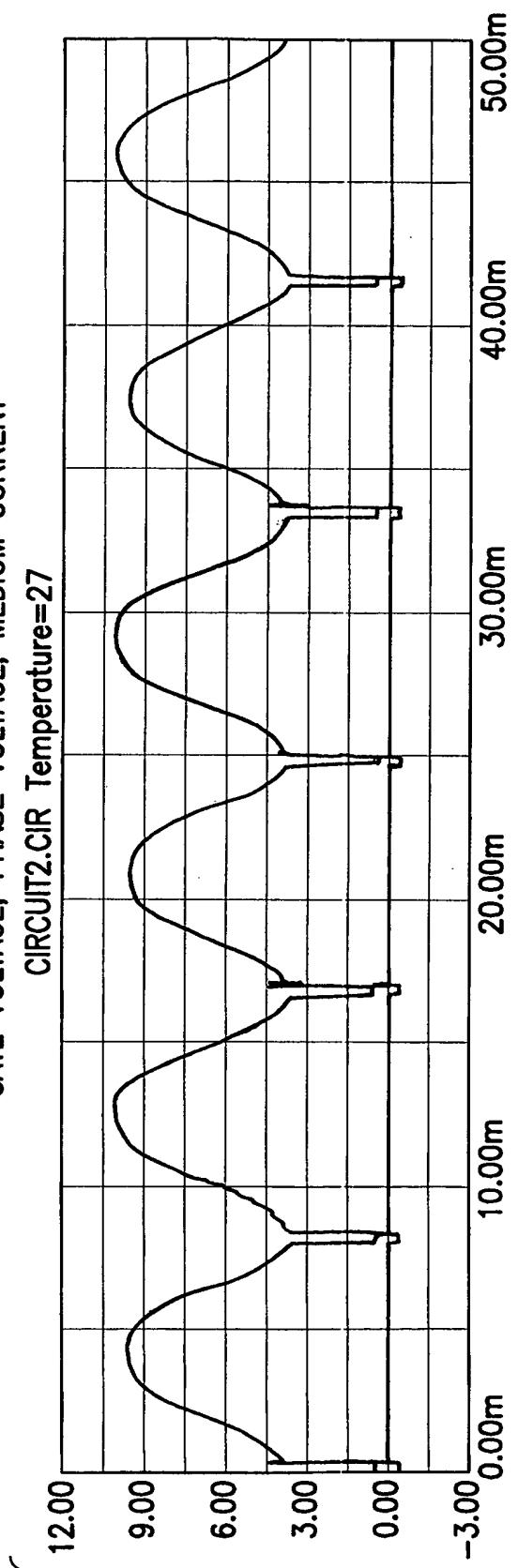


FIG.5B

7/15

GATE VOLTAGE, PHASE VOLTAGE
CIRCUIT2.CIR Temperature=27

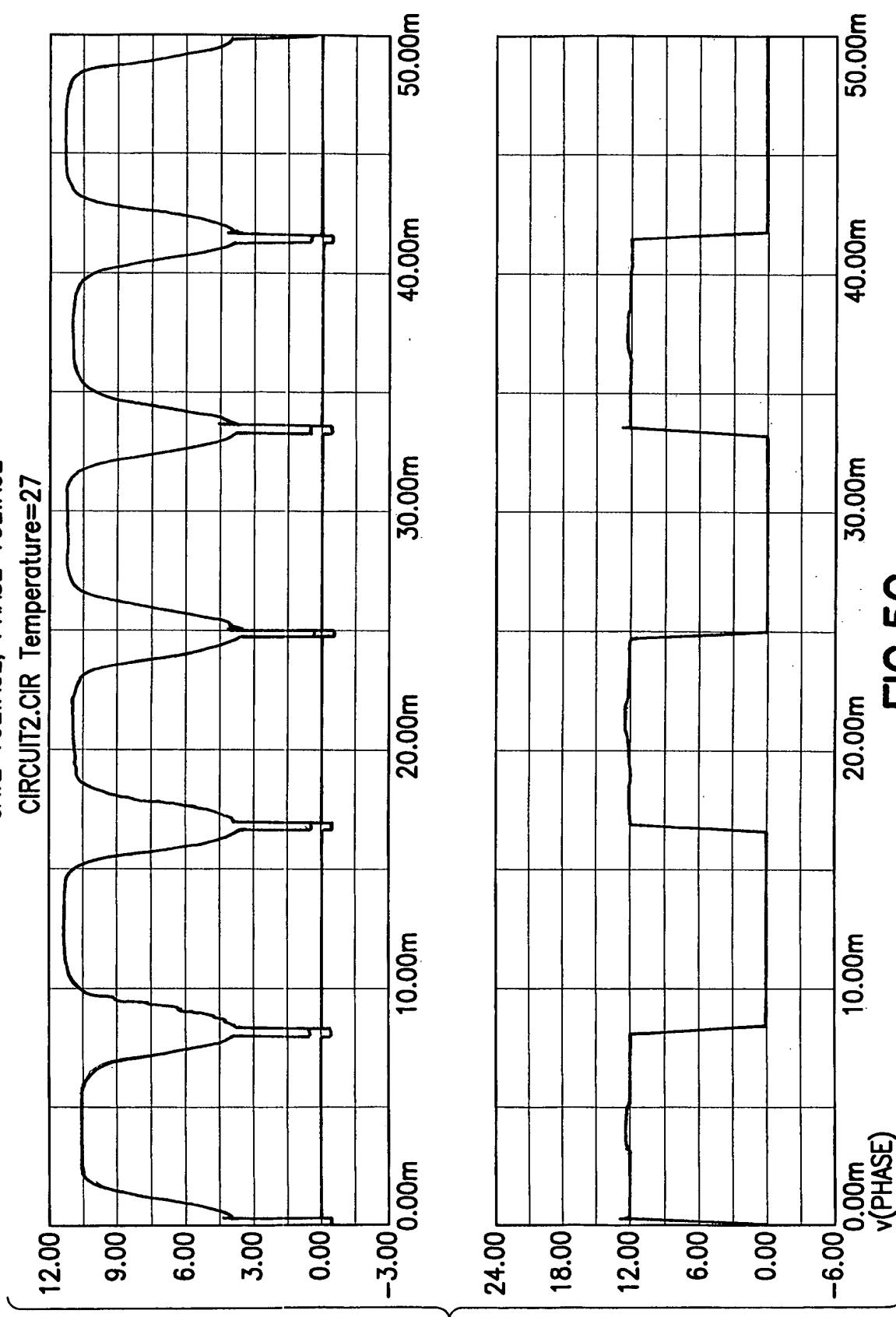


FIG.5C

8/15

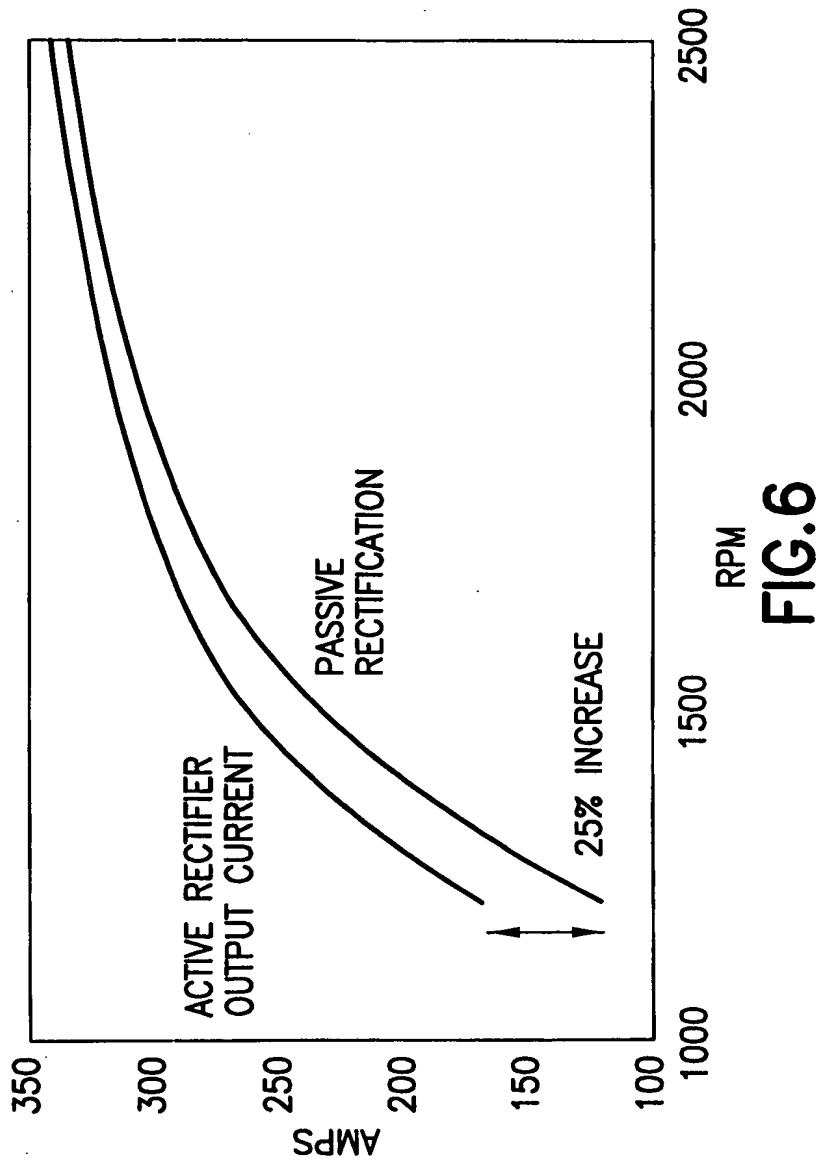


FIG. 6

9/15

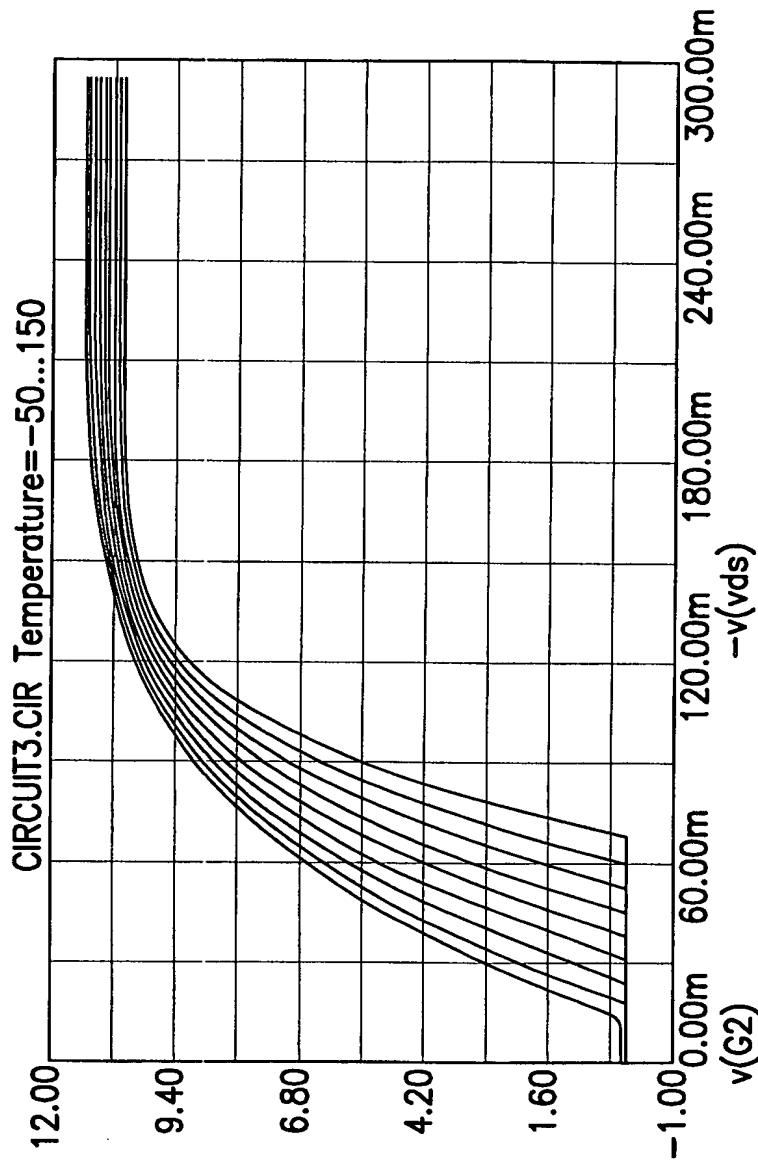


FIG. 7

10/15

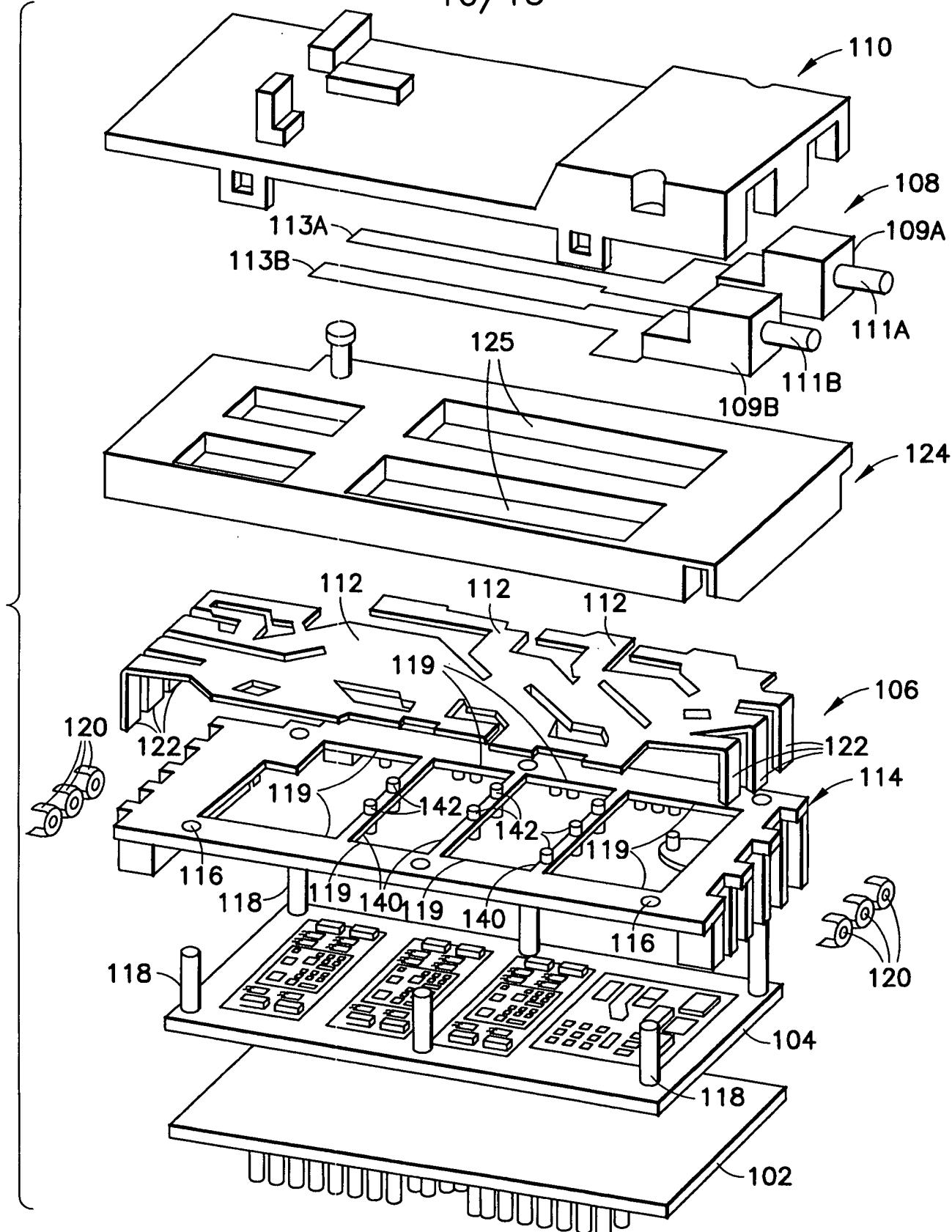
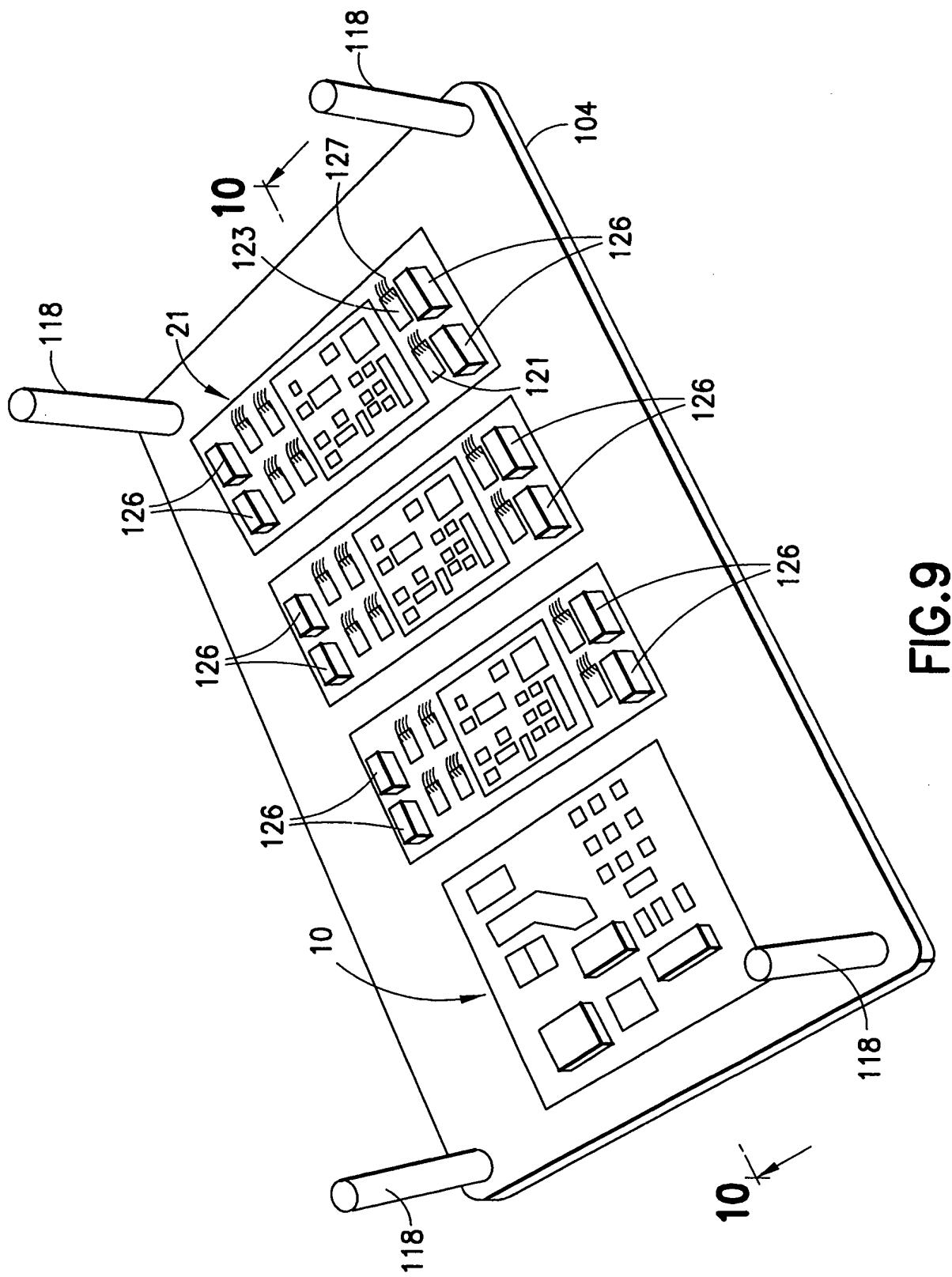


FIG.8

11/15



12/15

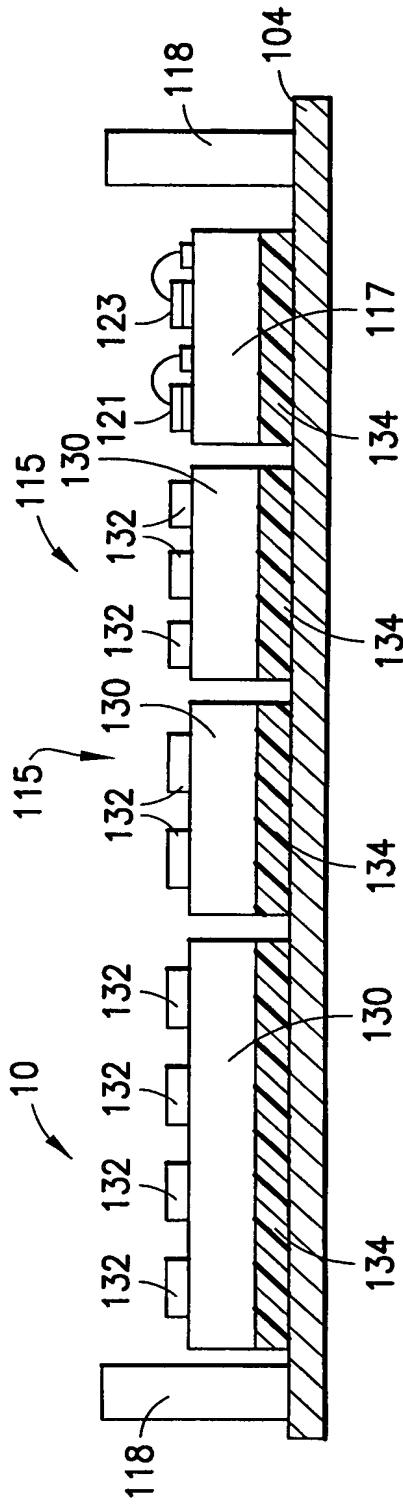


FIG. 10

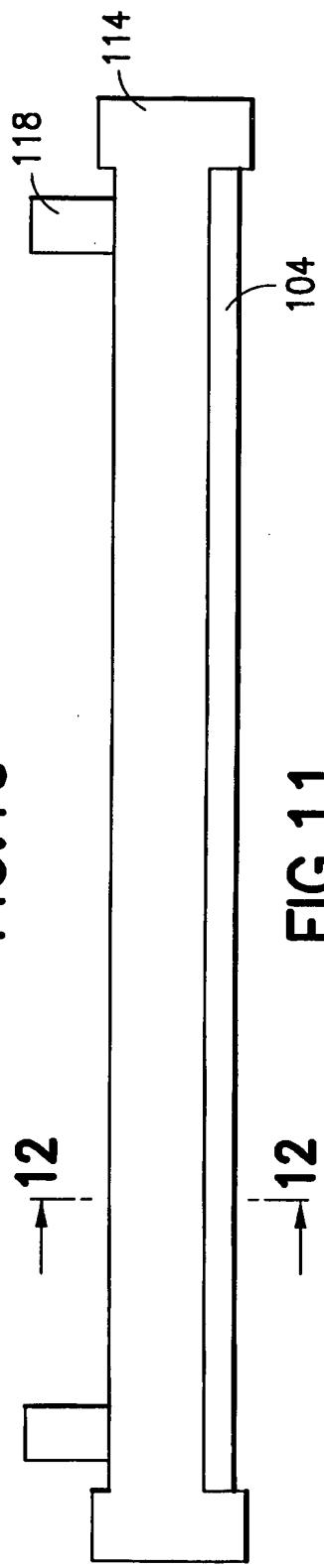


FIG. 11

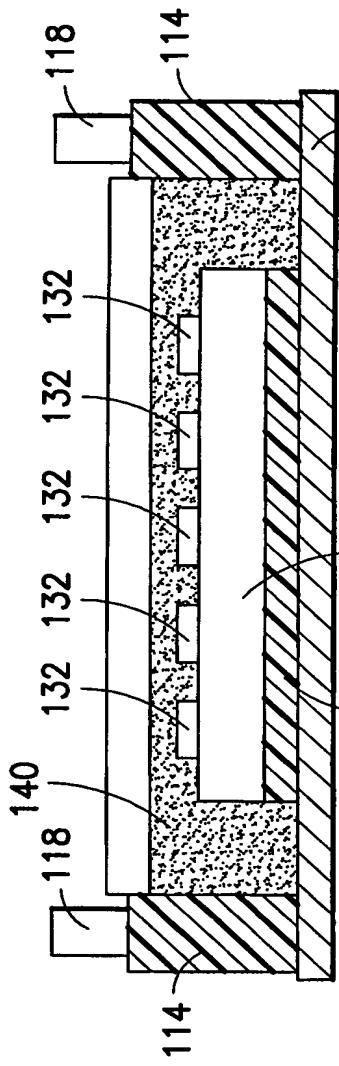


FIG. 12

13/15

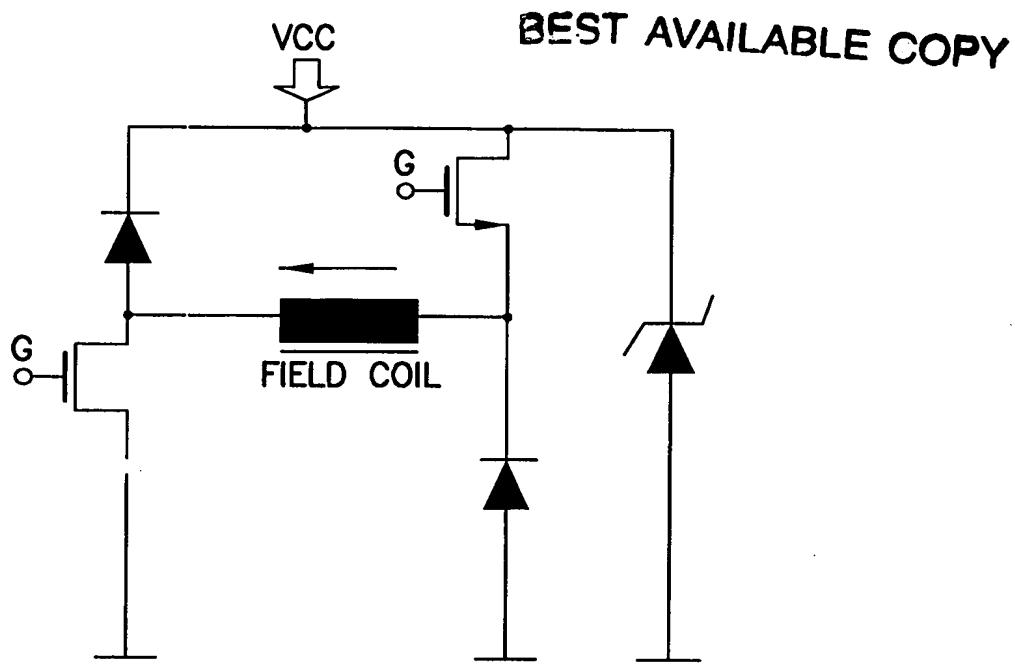


FIG.13A

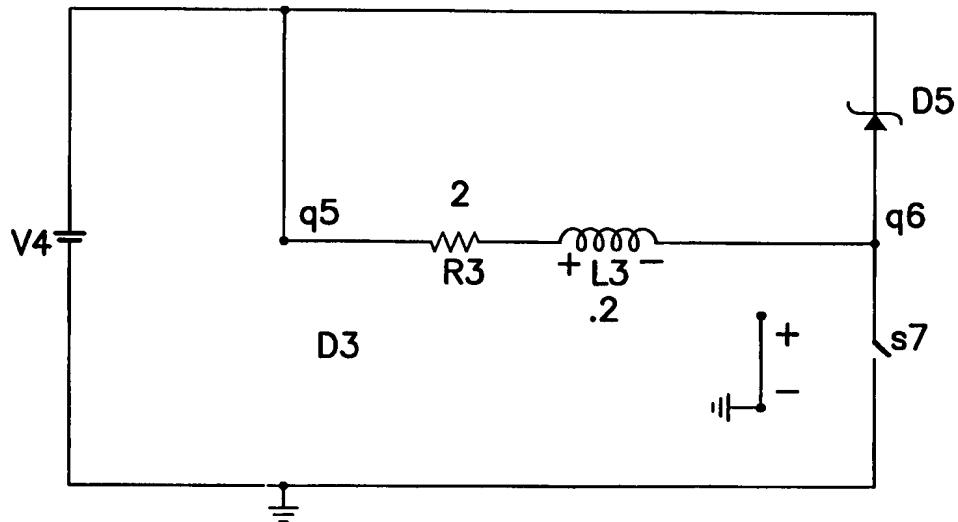


FIG.13B

14/15

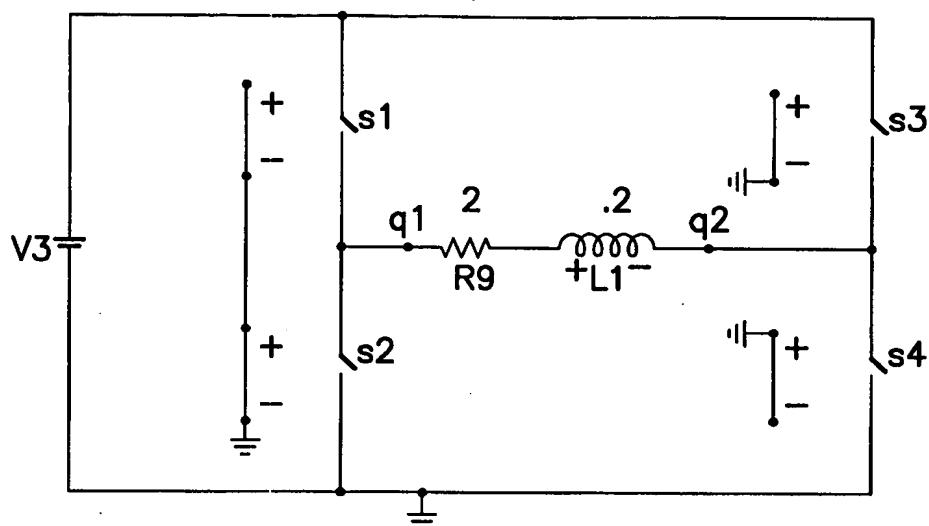


FIG. 13C

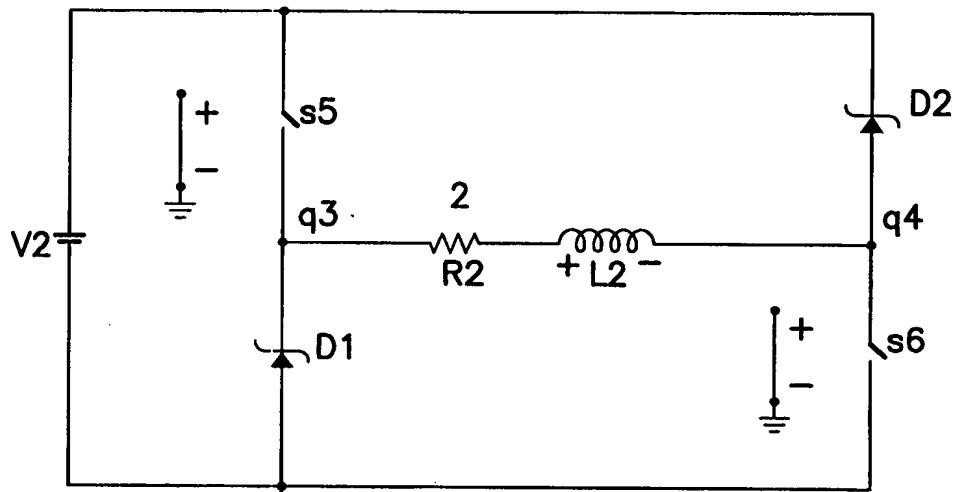


FIG. 13D

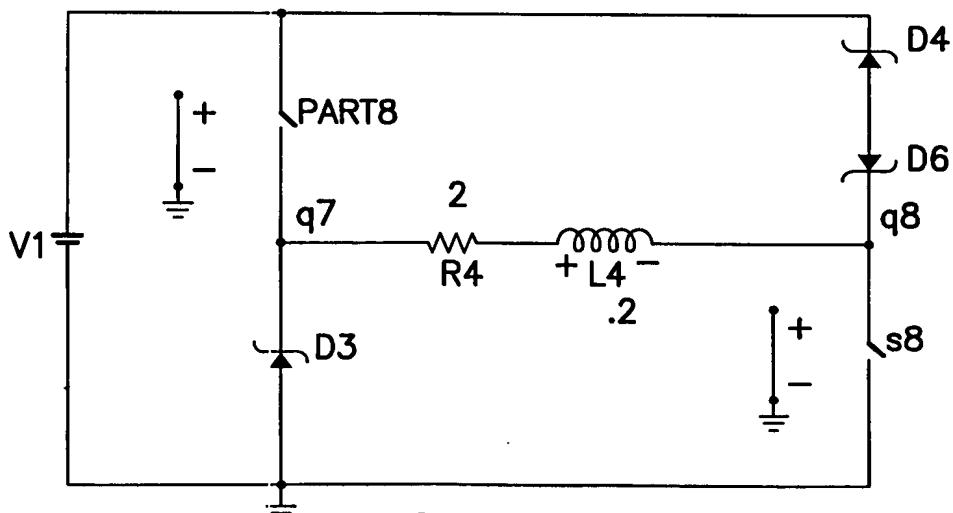


FIG. 13E

15/15

